

**From:** Bill Sinclair  
**To:** Julie Silotti  
**Date:** 7/14/03 12:47PM  
**Subject:** Fwd: FW: Beatty LLW site information

> From: Stan R. Marshall  
> Sent: Monday, July 14, 2003 11:39 AM  
> To: '[JSilotti@utah.gov](mailto:JSilotti@utah.gov)'  
> Subject: Beatty LLW site information  
>  
> 1. Age of site: Operational from 1963 through 1992; closed since then.  
> 2. Construction and structures: 23 near-surface trench areas; all closed with overburden of natural materials  
> 3. Rainfall and groundwater levels: Few inches rainfall per year (less than 5" per year) and groundwater at approximately 375 feet.  
> 4. Soil composition: Sandy/gravelly  
> 5. How was the "leak" controlled/fixed?: Many years ago, one environmental sample analysis result suggested an elevated level of tritium. Reanalysis of the sample and subsequent additional sampling did not confirm elevated tritium or any other radionuclide in groundwater. No sampling results since then have confirmed elevated radioactivity known to have been disposed at the site.  
> 6. Damage to environment: No damage to the environment or impact on groundwater, etc. has been recognized.  
> 7. Waste types: Waste forms and types were typical of those disposed at the commercial LLW sites in the 60s through the 90s. This site was never licensed as a typical 10 CFR 61 site but waste forms evolved to those requirements as time passed. Much review of records and statistics in the Nevada State Archives would be necessary if more details are desired. It is my recollection of the total LLW disposed in the country, less than 3% of the total was disposed at the Beatty site during the operational life of this site.  
>  
> Stanley R. Marshall, Supervisor  
> Radiological Health Section  
> Deputy Food and Drug Commissioner  
> Bureau of Health Protection Services  
> Nevada State Health Division  
> 1179 Fairview Drive  
> Carson City, NV 89701  
> Phone: (775) 687-5394 x 276  
> Fax: (775) 687-5751  
> [smarshall@nvhd.state.nv.us](mailto:smarshall@nvhd.state.nv.us)  
>  
>